SHOWS VISITORS ABOUT

Salt Lake Is Now Enjoying Bet-

ter Weather Than Other Cities.

twenty-four hours ending at 6 p. m. Mon

twenty-four hours ending at 6 p. m. Monday:
Maximum temperature, 70 degrees; minimum temperature, 48 degrees; mean temperature, 59 degrees, which is 9 degrees above normal.
Accumulated excess of temperature since the first of the month, 82 degrees.
Accumulated excess of temperature since January 1, 28 degrees.
Relative humidity at 6 p. m., 42 per cent.
Total precipitation from 6 p. m. to 6 p. m., none

m, none
Accumulated deficiency of precipitation since the first of the month, .02 inch.
Accumulated excess of precipitation since January 1, 3.25 inches.
Local forecast for Salt Lake City and vicinity Fair Tuesday.
Utah and west Wyoming: Fair Tuesday.

Weather Conditions.

Weather Conditions.

The barometric conditions have changed but little since last report. High pressure extended over the most of the country, causing fair weather, with moderate temperature. In nearly all districts. The center of the high pressure was over the Lake region and Ohio valley, attended by freezing temperature and frost over the central valley. Lake region and eastward. Moderate barometric depressions were reported over the south plateau and middle Canada. Light precipitation occurred over the north Atlantic States, lower Lake region and Ohio valley.

Temperatures in Other Places.

Temperatures in Other Places.

TEA

When tea is good, do

you know why it is good;

and, when is bad, do

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ER POINTS.

you know why it is bad? Your grocer returns your money if you don't like Schilling's Best: we pay him

BRIDGES AND BRIDGE BUILDING

collapse of the great steel bridge The collapse of the great steel bridge of the St. Lawrence a few weeks ago aled the wisest engineers and turned more conservative element of Americal into doubting Thomases whener anyone dared to reassert that steel a lattaned its apotheosis among tals. They pointed to the fact that are is annually a failure of thirty dges, great and small, in this country in proof of the fact that bridge liding has not yet reached the discipline of an exact science. They over the thousands of successful strucaction of an exact science. They overok the thousands of successful strucres that liq in the footsteps of the
odern engineer knitting the wide
mks of rivers with each other, and
lping railways eliminate space. Where
were were once barriers, modern inmulty has removed all such limitaons, and in that progressive era
end of us when Old World ingenuity
d capital have bridged the English
annel with twenty miles of steel
d put an end to mal de mer and great
as of life, the kingship of steel and
e rights of his grand viziers, the enof life, the kingship of steel and rights of his grand viziers, the enrs, will be recognized without hesi-

the Old World bridges follow the ing of highways. In the United es they anticipate highways because ways are more often the The Indians used no bridges, chance fallen log, usually pre-to ford a stream at its mouth, the silt had made the current Pioneers made temporary af-d the railroad bridge was the first permanent one. bridges came into use when rail-became sure things. Italian eners had thought of iron as a bridge erial as early as the sixteenth ury and England built one of iron the first in America was at 1777. The first in America was at nkfort, N. Y., in 1840, though Washt as early as 1796. Now all America's idges, placed end to end, would more an span the width of the continent.

emer's experiments made steel Bessemer's experiments made sized leaper than wrought iron, and a new a dawned in bridge making. A dispetive type has arisen in which the chitest will have to consoire with eengineer before a perfect bit of art attained. For while a stone bridge, the its usual complement of moss and a property of the stone bridge, and the stone bridge is a stone bridge. always picturesque, and a oden bridge gathers a gray hue in the weather, an iron or steel struca has to be kept aggressively new a coat of paint to protect it from ravages of wind and rain. A Gerarchitect claims that America has rificed beauty to utility in bridge disproving this. American bridge ders lead the world. When the at Gokteik viaduct over the Chung-me river in Burma was projected it s American skill and American steel tt perfected it, under the spur of Eng-

cess on a large scale, and it was here that physicians began making the first study of the effect of air pressure on the bodies of workmen in the caissons, marveling over the great pressure, which they found to be fifteen pounds to the square inch, and increasing with depth. Caisaons had by this time superseded cofferdams in pier building, and marked many centuries change since Queen Semiramis had deflected the course of the Euphrates to build her bridge and raise Babylon to the grandeur of Nineveh. The St. Louis bridge was begun in 1867 and finished in seven years at a cost of \$10,000,000.

Suspension bridges are very very old.
Ants and monkeys in living chains gave
the idea to South American and African
natives, who developed it in vines and
boughs. Rochling's famous bridge at Niagara was the first of the kind in this country. Then came one at Pitts-burg, and Cincinnati astounded the burg, and Cincinnati astounded the world with one having a span of 1003 feet. Then Roebling's Brooklyn bridge, "the eighth wonder of the world," it was called marked the climax of suspension bridge work in the United States. It swung clear of the waterway by 135 feet, with the central span of 1595 feet, the largest in the world, though the projected North river bridge expects to have a span of nearly 3000 feet.

The new East river bridge of New York cost \$9,000,000. The cables of steel are of six times the strength usually required, as one the size of a fashion for centuries ever since Japan man's thumb will support a car contain-built the Shoguns' bridge at Nikko beman's thumb will support a car contain-ing 1500 men. The main cables are the size of a barrel, and cost \$1,398,000 each, thousands of fine wires being woven into cylinders, each of which can support 50,000,000 pounds. The foundations are laid 100 feet below water level, and the two-story platform, twice as wide as a city street, carries six trolley and elevated tracks, two wide carriage

and in 1840 Howe an object of the control bridge for railways. When the Ohio was bridged in 1863 with a 320 foot iron span the beginning of long spans for railroads was marked. Since 1870 most railway bridges have reached a span of over 500 feet. The Constraints span of over 500 feet. The Cone-maugh viaduet on the Pennsylvania road and the Carrollton viaduet on road and the Carrollton vinduct on the Baltimore & Washington, famous in their day, are now surpassed by more wonderful structures. Improved facilities have made quick work pos-sible. A whole steel span was replaced not long ago on the Pennsylvania road over the Schuylkill, at Philadelphia, in offten minutes there being not a secfifteen minutes, there being not a sec-ond's delay in trains. Buche replaced the cables on Ningara bridge and put in steel towers, instead of masonry, without interrupting the traffic.

The first use of steel in large arches
America when Capt. Eads bridged
Mississippi at St. Louis. The
nufacturer of steel was not then
nearly perfected as it is now, and
task was enormous. This was the
st application of the pneumatic pro-

"Blessings Brighten as They

Take Their Flight."

Health is never so much prized as when illness interferes with pleasure or work. When the stomach is sick, the digestion weak, the nerves unstrung the head heavy with pain, nothing seems so desirable

as a sound mind in a healthy body. Keep stomach, liver and bowels

BEECHAM'S PILLS

and you will rarely lose a day's work or an evening's pleasure through

sickness. These pills are a safe corrective and a general tonic, the good

effects of which are felt throughout the entire body. Whenever you are not feeling at your best, take Beecham's Pills. They relieve constipa-

Create Appetite, Restore Sleep

and Bring Back Health

In boxes with full directions, 10c. and 25c.

tion, remove bilious conditions, improve the digestion,

The

Heat that

Doesn't

go up

the Flue

FAMILY CARES ORACLE'S GOOD HUMOR;

This Information May Be of Value to Many Mothers in Salt Lake City.

When there is added to the many ares inseparable from the rearing of hildren that affliction of weakness of children that affliction of weakachs of the kidneys and auxiliary organs, the mother's lot is far from a happy one. This condition can be quickly changed and absolutely cured by the use of Doan's Kidney Pills. When this is known the mother's burden will be lighter and her home happier.

Mrs. J. S. Benson, living at 445 West Eighth South street. Salt Lake City, Utah, says "Doan's Kidney Pills have beeen used in my family for years. Many members have used them, and the results were remarkable. When one of my children was troubled with a weak-ness of the kidneys, I procured a box of Doan's Kidney Pills at F. J. Hill's drug Doan's Ridney Phil's at F. J. Hol's didg store and they gave the best of results. I can heartily recommend them to any-one suffering from kidney trouble in any form. Doan's Kidney Pills are reliable, nnd I am glad to give them my indorse

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, New York, sole agents for United States.

Remember the name—Doan's—and

United States is over the Mississippi at Memphis. The builder of the great Niagara bridge gave to the world the greatest steel arch it has ever known, a clear span of 840 feet, 200 feet above the pool. The cantilever idea is very old, and has been developed in a crude fashion for centuries ever since Japan fore the sixth century.

Distance, height and depth seem to have no terrors for American bridge builders, and they are said to have overcome more natural difficulties than the engineers of any other nation. The and the two-story platform, twice as wide as a city street, carries six trolley and elevated tracks, two wide carriage tracks, two bicycle paths, and two promenades.

In 1820 Ithiel Towne patented a wooden lattice bridge; in 1830 Long patented a truss bridge called for him, and in 1840 Howe an improved wood bridge for railways. When the Ohio was bridged in 1863 with a 320 foot irm soan the beginning of long span the perioning of long span the street of the control of the four highest in the world. The Gokteik viaduet in Burma is 800 feet high, one in Germany is 341 feet, and the third, in Bolivia, is 326 feet high Long ago China had a bridge that sprung from one mountain crest to another, a distance of 750 feet, and was 600 feet distance of 750 feet, and was 600 feet

above the gorge.
Pontoon bridges have not improved since the day Alexander crossed the Ganges by their aid. Soldiers best know their value, and since the days of Cortez in Meixco each war-swept section has seen its streams bridged in this fashion. The only floating bridge in this fashion. The only floating bridge in the world that is not built on boats is believed to be in Lynn, Massachusetts. It was built in 1802 when the pond it crossed was supposed to be bottomless. It was anchored to each shore and though heavy and waterlogged, still remains as a historic relic, its original thickness of five and a half feet having heap increased to sevenfeet having been increased to seven-teen feet by continual patching. The largest concrete bridge in the world is largest concrete bridge in the world is that over the Santa Ana on the San Pedro, Los Angeles and Salt Lake rail-road, a few miles from Riverside, Cali-fornia. It was built in 1963 when steel was not immediately available, all shops being several months behind, and 200 men completed it in an incredibly short while at a cost of \$200,000.

The most valuable wooden bridge in the world is that built across Pine creek in Warren county, Indiana. It creek in Warren county, Indiana. It was built nearly a century ago entirely of black walnut, is between 150 and 200 feet long and the timber is valued at \$15,000. Lumber dealers have made many offers for it, and bridge builders have offered to replace it with steel, but the county prefers to keep it. For many years the longest single stone arch in the world, since the destruction of the 250-foot arched bridge over the Adda in the fourteenth century, was that of Cabin John Bridge near Washington. This was built in 1879 by General Meigs and springs high across a ravine in an arch of 220 feet carrying the aqueduct for the city water supply. Switzerland is now offering a rival arch a few feet longer.

The most historic bridge in the The most historic bridge in the United States was the famous Long Bridge across the Potomac at Washton, which was torn down last winter. It was an unsightly affair completed in 1835 and formally dedicated by President Jackson in 1836. Over this marched a million men to southern battlefields in the Civil war, to it the longing eyes of Confederate generals turned more than once when plans were on foot ing eyes of Confederate generals turned more than once when plans were on foot to take Washington, and over it defeated armies came pell-mell after the battles of Bull Run and other Virginia encounters. The timbers are now being cut into walking sticks as souvenirs for Grand Army men. The astonishing fact about the Long Bridge, and a fact that makes it distinctive above all others in the world, is that the builders spent only one-third of the money on it that Congress appropriated for the purpose.

A great national bridge, that will stand as a monument to General Grant and be one of the most ornamental and artistic now in existence, is some day to be built across the Potomac at Washington. It will be a baseule bridge with a draw span of 160 feet, and spans on each side of 240 feet each. The plans each side of 240 feet each. The plans were drawn by Captain Symons of the United States Army engineering corps, and Paul J. Pelz, architect of the Library of Congress. Another proposed memorial bridge is one that New York is considering to mark the confines of the island at Spuyten Duyvil creek and commemorate the landing of Hudson in 1609.

Too Much Coal,

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SALVATION ARMY AND VOLUNTEERS CANNOT UNITE

NEW YORK, Oct. 21.—General Bal-lington Booth of the Volunteers of America today sent his father, General William Booth, the following telegram: "Learning of your presence and ill-ness in Chicago, I desire, apart from all official differences, to express my deep

Of the reported amalgamation of the Volunteers of America with the Salva-tion Army, General Ballington Booth

said today:

'The movements are distinct in government, principle, organization and policy. As such, amalgamation could not be taken into consideration for a moment.'

DeWitt's Kidney and Bladder Pills relieve backache, weak kidneys, and inflammation of the bladder. Sold by Anstee Brice Drug Co., 44 South Main.

S. D. Evans, Undertaker and Embaimer, has removed to new location 18 South State.

Daniels does it, too



rate of forty miles an hour, it looked to
the casual observer, but the weather man
said "No, its only four." They saw the
znow machine also; it was as dry as a
bone and needed oiling. The oracle has
the thermometer in a small cupola where
no one can see it, so that one has to take
his word for the temperature. He screwed
up the barometer to a good, high pressure
and said, "It's going to be fair tomorrow." The rain machine was not working,
so there won't be any doubt about it. The
sun will shine today and the temperature
will be good and comfortable.

It was pleasant all over the country
Monday; in fact, the weather map looks
just the same as it has for the past few
days. Another area of high pressure has
developed over the eastern Great Lakes
district in place of the one that left for
Europe Saturday. A slight area of unsettled conditions has prevailed over
southern California for several days, but
it will do no harm, the weather man says.
A comparison of temperatures with other
citles gives Sait Lake a decided advantage. Omaha and Denver both suffered
with cold last night, with 36 degrees each.
There was nothing reassuring during the
day, either, for the former recorded only
56, with Denver at 66. Sait Lake, on the
contrary, went no lower than 48 degrees
and kept well within the comfortable limit for a maximum. The temperatures all
up and down the Pacific coast were moderate Monday, but a cold wave struck
many of the citles of the East, and records of 30 32 and, in one case, 22 degrees
came in from various places.

The following is the official report of the
local office of the weather bureau for the
twenty-four hours ending at 6 p. m. Monday. What do you think when I tell you I can straighten bow legs and round shoulders?

"Has Daniels gone into some new-fangled surgery?"

Not a bit of it. Just tailoring, amplified to cover defects of Nature. I know how to build the shoulders of a coat and the legs of trousers so that the defects are overcome. Further, I can dress the man tastefully—build a suit that will fit the form gracefully—so that it will be observed instantly that he is tailor-dressed.

All men want to appear well in their clothes. But all men do not feel they can afford tailor-made suitshence hand-me-downs are generally bought. And handme-downs cost all the way up to \$35—and more.

I make fashionable suits of fine woolens and fine materials at \$20, \$25 and \$30.

Woolens-ah, there you are - imported woolens suits made in the most approved style, made to wear, made to hold their shapes, made to look nice till dis-

Also, I have suits, overcoats and rain coats which you can have at half-price.

Daniels, The Tailor 57 W. Second So.

Look to That Roof

possibility of there being a leak in your roof by giving it a coat of Barn, Bridge and Roof Paint.

This paint is made in six durable shades of the very best material and is especially adapted to shingle or metal roofs.

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The best thing you can do to build up your sys-tem and start rich red blood coursing through your be-ing is to use some We

serve all the popular hot drinks GOOD MALT EXTRACT. as you like them.

We can supply all the good, reli-able brands at the proper prices. Better come in

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Elegant Gowns and Dancing Dresses, Custom Tailor-made Suits, Afternoon Dresses, Evening Wraps, Smart Street Hats.

Upon your inspection you will agree with us that

Hamilton Goods Are Far More Distinctive and Uncommon Than Any in the West.

We are glad to show our most EXCLUSIVE

This week we place some smart Tailor-made Suits at \$25.00, \$35.00 and \$50.00.

All the late novelties in Furs, Neckwear, Belts and Hosiery.

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The moment you feel the least un-

Realize from actual experience the value of our perfect laundering. There's

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us, have your eyes tested and glasses made that will remove your worry. We test eyes free for glasses. When glasses are not needed, we frankly tell you so. Rushmer,

Maker of Perfect Eyeglasses. 72 West 1st South St. Phones-Bell 1763-K. Ind. 1763.



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Carry it from room to room. Turn the wick high or low-no bother-no smoke-no smell-automatic smokeless device prevents. Brass font holds 4 quarts, burns 9 hours. Beautifully finished in nickel or japan. Every heater warranted.

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The Rayo Lamp gives a bright, steady light to read by just what you want for the long evenings. Made of brass, nickel plated—latest improved central draft burner. Every lamp warranted.

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